

CII Lean Six Sigma Green Belt Certification Course 20th - 24th May 2019 , Bengaluru

Overview

The Lean Six Sigma Green Belt Certification Program is a 5-day intense program aimed at building capability on Lean Six Sigma Concept and Methodology. The medium of learning will be class Room Instructions, team exercises among the participants, case studies and completion of projects in their respective work area.

Certification Criteria

- Participants are expected to clear the Qualification Test at the end of the programme (5th Day).
- Post training, participants are requested to submit one-page summary of the Green Belt project deployment in their organisation. Based on this, participants will receive “**Lean Six Sigma Green Belt Certificate** from CII Institute of Quality.”
- One project per participant is expected and not group projects.

Timelines:

- Qualification test by participants – **24th May 2019**
- Announcement of results – **30th May 2019**
- Identification of project and submission of project by individual participants – **3rd June 2019 to 15th July 2019** (if the solution is not implemented before 15th July, kindly indicate the target dates of solution implementation).
- Certification awarding to participant (based on evaluation) – **29th July 2019**

Course Coverage

- Overview of Lean and Six Sigma methodology
- Difference between Lean and Six Sigma methodology
- **Define phase**
 - Project charter creation
 - Voice of the Customer, Business and Employee
 - Six Sigma Roles & Responsibilities
- **Measure Phase**
 - Process Definition
 - Detailed Process Mapping and High-level process mapping, SIPOC,
 - Types of data and types of distributions
 - Normal Distributions & Normality Plots

- Sampling procedures
- Measurement System Analysis
- **3.0 Analyze Phase**
 - Patterns of Variation
 - Central Limit Theorem
 - Hypothesis Testing
 - Hypothesis Testing with Normal Data
 - 1 & 2 sample t-tests
 - One Way ANOVA
 - Hypothesis Testing with Non-Normal Data : Chi-Squared
- **Improve Phase**
 - Simple Linear Regression
 - Multiple Regression Analysis
 - Validating the results
 - Failure mode and effect analysis (FMEA)
- **Control Phase**
 - Lean tools : 5S , Kanban, Poka-Yoke, SMED/QCT , VSM
 - Deployment of Lean tools in different environments
 - Statistical Process Control (SPC)
 - Six Sigma Control Plans

Course Fee:

- CII- Members: Rs. 25,000/- Plus 18% Service Tax
- Non-Member: Rs. 27,000/- Plus 18% Service Tax

Faculty Profile:

The Program will be led by the experts from CII Institute of Quality

Contact:

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